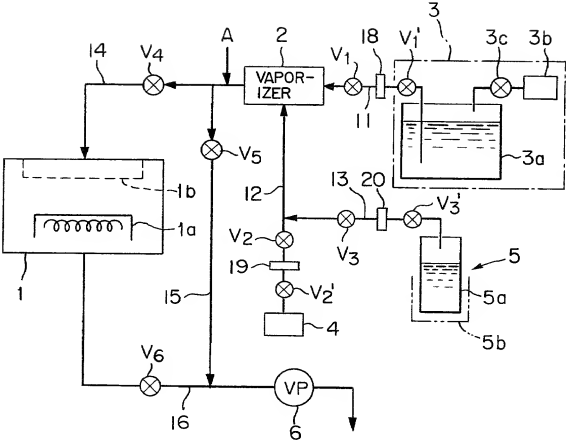
3
A
2
18
V1'
3c
3b
14
V4
VAPOR-
IZER
V1
11
3a
V5
1b
12
13
20
V3'
1a
V2
V3
19
5
1
15
V2'
5a
4
5b
V6
VP
16
6

FIG. 1

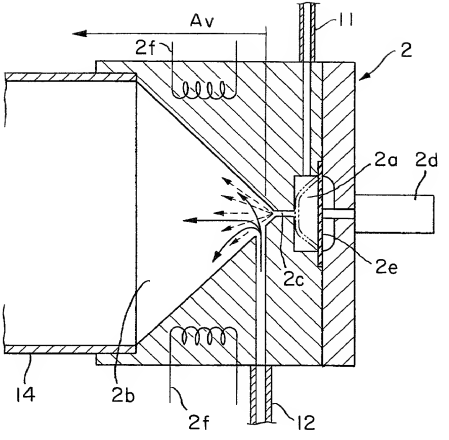

FIG. 2

	PRE – PURGING STAGE	PROCESSING STAGE	POST – PURGING STAGE	END STAGE
V_1 (V_1')	×	○	×	×
V_2 (V_2')	○	○	○	×
V_3 (V_3')	○→×	×	○	×
V_4	○	○	○	×
V_5	○	×	×	○
V_6	○	○	○	○
PUMP	ON	ON	ON	ON

(○ : OPEN × : CLOSE)

FIG. 3

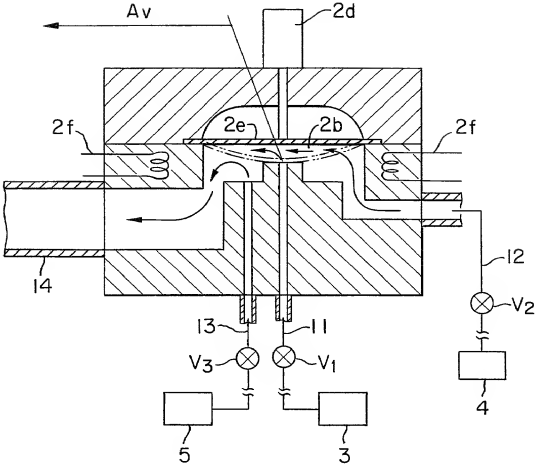

FIG. 4

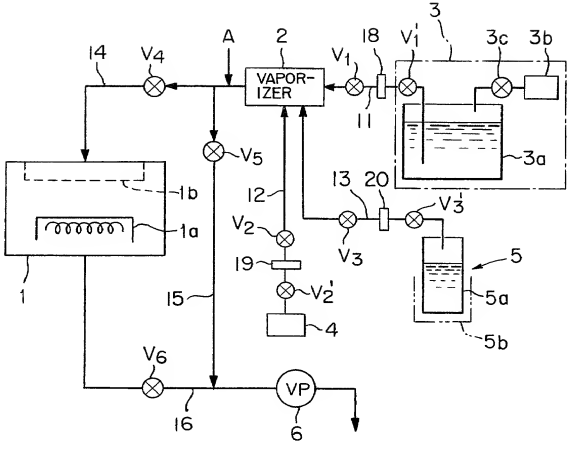
3
A
2
18
V1'
3c
3b
14
V4
VAPOR-
IZER
V1
11
3a
V5
1b
12
13
20
V3'
V2
V3
1a
19
5
1
15
V2'
5a
4
5b
V6
VP
16
6

FIG. 5